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Translation

PATENT COOPERATION TREATY

PCT/JP2003/016984



PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY  
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference JJ-70053WO	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/JP2003/016984	International filing date (day/month/year) 26 December 2003 (26.12.2003)	Priority date (day/month/year) 26 December 2002 (26.12.2002)
International Patent Classification (IPC) or national classification and IPC G06F 17/60		
Applicant JAPAN TOBACCO INC.		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 5 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
  - a. ☐ (sent to the applicant and to the International Bureau) a total of \_\_\_\_\_ sheets, as follows:
    - ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
    - ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
  - b. ☐ (sent to the International Bureau only) a total of \_\_\_\_\_, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Box No. I | Basis of the report   |
| <input type="checkbox"/> Box No. II           | Priority  |
| <input type="checkbox"/> Box No. III          | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability  |
| <input type="checkbox"/> Box No. IV           | Lack of unity of invention  |
| <input checked="" type="checkbox"/> Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> Box No. VI           | Certain documents cited   |
| <input type="checkbox"/> Box No. VII          | Certain defects in the international application  |
| <input type="checkbox"/> Box No. VIII         | Certain observations on the international application   |

Date of submission of the demand 26 December 2003 (26.12.2003)	Date of completion of this report 21 May 2004 (21.05.2004)
Name and mailing address of the IPEA/JP	Authorized officer
Facsimile No.	Telephone No.

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2003/016984

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☐ This report is based on translations from the original language into the following language \_\_\_\_\_, which is language of a translation furnished for the purpose of:
- ☐ international search (under Rules 12.3 and 23.1(b))
  - ☐ publication of the international application (under Rule 12.4)
  - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):

- ☒ The international application as originally filed/furnished
- ☐ the description:
- pages \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ the claims:
- pages \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_, as amended (together with any statement) under Article 19
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ the drawings:
- pages \_\_\_\_\_, as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (specify): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (specify): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets/figs \_\_\_\_\_
- ☐ the sequence listing (specify): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (specify): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/JP 03/16984

## V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

## 1. Statement

Novelty (N)	Claims	1-20	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-20	NO
Industrial applicability (IA)	Claims	1-20	YES
	Claims		NO

## 2. Citations and explanations

Document 1: JP 2002-92291 A (Ricoh Co., Ltd.), 29 March 2002, entire text; fig. 1 to 5 (Family: none)

Document 2: "Nanatsu no Keyword kara Kenshou Gyomu Kaikaku wo Jitsugen suru Jisedai Mobile Katsuyoujutsu", Mobile Internet, Kabushiki Kaisha Ric Telecom, Vol. 2, No. 17, 10 June 2002, pages 18 to 27

Document 3: JP 09-5421 A (Pacific Consultants Co., Ltd.), 10 January 1997, entire text; fig. 1 to 4 (Family: none)

Document 4: JP 2002-373391 A (Hochiki Corporation), 26 December 2002, entire text; fig. 1 to 14 (Family: none)

Document 5: JP 08-285700 A (Japan Radio Co., Ltd.), 1 November 1996, entire text; fig. 1 to 3 (Family: none)

Document 6: JP 10-239119 A (Takaaki Wada et al.), 11 September 1998, entire text (Family: none)

Document 7: JP 04-307657 A (Video Research Ltd.), 29 October 1992, entire text; fig. 1 to 6 (Family: none)

The inventions set forth in claims 1 to 18 do not involve an inventive step in the light of documents 1, 2,

3 and 4 cited in the international search report. The computer system for carrying out questionnaire analysis set forth in document 1 and the computer system for carrying out questionnaire reporting set forth in documents 2 to 4 belong to closely related technical fields, therefore it would be easy for a person skilled in the art to conceive of applying the feature described in documents 2 to 4, wherein external environmental information such as position information from GPS or the like is used, to carry out the questionnaire analysis set forth in document 1.

The invention set forth in claim 19 does not involve an inventive step in the light of documents 1, 2, 3, 4 and 5 cited in the international search report. The computer system for carrying out questionnaire analysis set forth in document 1 and the computer system for carrying out questionnaire reporting set forth in documents 2 to 5 belong to closely related technical fields, therefore it would be easy for a person skilled in the art to conceive of applying the feature set forth in documents 2 to 4, wherein external environmental information such as positional information provided by a GPS or the like is used, and the invention set forth in document 5, wherein external environmental information different from positional information of a sensor or the like is used, to the computer system for carrying out questionnaire analysis set forth in document 1.

The invention set forth in claim 20 does not involve an inventive step in the light of documents 1, 2, 3, 4, 5, 6 and 7 cited in the international search report. The computer system for carrying out questionnaire analysis set forth in document 1 and the computer system for carrying out questionnaire reporting set forth in

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/JP 03/16984

documents 2 to 7 belong to closely related technical fields, therefore it would be easy for a person skilled in the art to conceive of applying the feature set forth in documents 2 to 4, wherein external environmental information such as positional information provided by a GPS or similar device is used, the feature set forth in document 5, wherein different external environmental information from positional information of a sensor or the like is used, and the feature set forth in documents 6 and 7, wherein information such as images is used, to the computer system for carrying out questionnaire analysis set forth in document 1.